

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	97	tree with schedule with time	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 17:57
L2	0	tree with program near schedule with time	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 17:58
L3	1	tree with program near schedul\$3 same (temporal time)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 17:58
L4	11	hierarch\$3 with program near schedul\$3 same (temporal time)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 17:59
L5	14	hierarch\$4 with program near schedul\$3 same (temporal time)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 17:59
L6	696	hierarch\$4 with schedul\$3 same (temporal time)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:02
L7	332	hierarch\$4 with schedul\$3 with (temporal time)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:02
L8	43	hierarch\$4 with schedul\$3 with (temporal time) with (program playlist play\$3list)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:03
L9	549	express\$3 with (program schedule playlist (play near list) play-list) with (tree hierarch\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:14

L10	21	express\$3 with (program schedule playlist (play near list) play-list) with (tree hierarch\$4) and time near axis	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:14
L11	345	express\$3 with (program schedule playlist (play near list) play-list) with tree	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:17
L12	23	express\$3 with (schedule playlist (play near list) play-list) with tree	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:17
L13	1	"20030114968"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:20
L14	10	express\$3 with program near (table order schedule list\$4) with tree	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:31
L15	432	(playlist play-list (play near list)) with (hierarch\$4 tree)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:33
L16	79	(playlist play-list (play near list)) with (hierarch\$4 tree) same (order\$3 schedul\$3)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:34
L17	165	(playlist play-list (play near list)) with (hierarch\$4 tree) same (order\$3 schedul\$3 temporal (time near axis))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:34
L18	68	tree with layer with rank	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 18:54
L19	302	tree same (level layer) same category same time	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:00
L20	2	tree same (level layer) same category same time same (rearrang\$3 re\$2schedul\$3)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:02

L21	2	tree same (level layer) same category same time and (best optimal) near solution	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:03
L22	217	tree same (level layer) same category same time and (music song artist album track playlist)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:04
L23	201	22 not KHEDOURI	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:04
L24	201	22 not KHEDOURI not stambough	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:05
L25	201	22 not KHEDOURI not stambough	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:05
L26	189	22 not KHEDOURI not stambaugh	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:06
L27	0	tree same (level layer) same category same (best optimal) near solution	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:08
L28	176	tree with (best optimal) near solution	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:08
L29	29	tree with (best optimal) near solution and (playlist schedule)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:08
L30	0	tree with hierarch\$3 with (playlist play-list (play near list))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:12
L31	92	tree with (playlist play- list (play near list))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:12
L32	2	tree with (playlist play- list (play near list)) with category	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:13

L33	6	tree with (playlist play-list (play near list)) with (level layer)\	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:13
L34	6	tree with (playlist play-list (play near list)) with (level layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:13
L35	338	(tree hierarch\$3) with (timeline (time near (axis line)) (play\$3 near time))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:49
L36	69	(tree hierarch\$3) with (timeline (time near (axis line)) (play\$3 near time)) with (figure drawing underneath display\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 19:50
L38	0	(tree hierarch\$3) with (timeline (time near (axis line))) with (playlist play-list (play near list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:06
L39	0	(tree hierarch\$3) with (timeline (time near (axis line))) same (playlist play-list (play near list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:06
L40	3	(tree hierarch\$3) same (timeline (time near (axis line))) same (playlist play-list (play near list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:07
L41	1	(tree hierarch\$3) same (timeline (time near (axis line))) same ((program near (table list)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:07
L42	137	(tree hierarch\$3) same (timeline (time near (axis line))) same (schedule order)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:08
L43	15	(tree hierarch\$3) with (timeline (time near (axis line))) with (schedule order)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:08

L44	6	(tree hierarch\$3) same (timeline (time near (axis line))) same (schedule order) and ((creat\$3 generat\$3) near (playlist (play near list) play-list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:10
L45	12	(tree hierarch\$3) same (timeline (time near (axis line))) and ((creat\$3 generat\$3) near (playlist (play near list) play-list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:15
L46	115	(tree hierarch\$3) and (timeline (time near (axis line))) and ((creat\$3 generat\$3) near (playlist (play near list) play-list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:18
L47	103	46 not 45 not 44	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 20:19
L52	122	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) same pattern same time	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:20
L53	2094588	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) same pattern same time nera axis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:20
L54	1	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) same pattern same time near axis	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:20
L55	26	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) with pattern with time	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:21

L56	172	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) and (similar like correlat\$4) with (item media content) with (next adjacent proxim \$3)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:43
L57	4	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) and (similar like correlat\$4) with (item media content) with (next adjacent proxim \$3) with (another other)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:44
L58	45	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) and (similar like correlat\$4) near2 (item media content) with (next adjacent proxim \$3)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:45
L59	2	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) and (similar like correlat\$4) near2 (item media content) with (close)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:48
L60	5	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) and "same" near2 (item media content) with (close)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:49
L61	43	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) and "same" near2 (item media content) with (next adjacent proxim\$3)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:50

L62	9	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) and adjacent near3 (content song track media item album artist) near3 (similar correspond\$3 correlat\$4 "same" like)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:55
L63	119	(generat\$3 creat\$3) near (playlist schedule play-list (play near list)) and adjacent near3 (content song track media item album artist)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:57
L64	75	(generat\$3 creat\$3) near (playlist play-list (play near list)) and adjacent near3 (content song track media item album artist)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 22:57
L65	2	"20050065976"	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:12
L66	42	(generat\$3 creat\$3) near (playlist play-list (play near list)) and smooth near transition	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:15
L67	4	(generat\$3 creat\$3) near (playlist play-list (play near list)) and smooth near shuffl\$3	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:20
L68	4	(generat\$3 creat\$3) near (playlist play-list (play near list)) and shuffl\$3 with minimiz \$3 near change	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:21
L69	0	(generat\$3 creat\$3) near (playlist play-list (play near list)) and shuffl\$3 with maximiz \$3 near similar\$3	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:21
L70	4	(generat\$3 creat\$3) near (playlist play-list (play near list)) and minimiz\$3 near change with (song track content)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:21

L71	0	(generat\$3 creat\$3) near (playlist play-list (play near list)) and (song audio content track) with maximiz\$3 near similar\$3	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:22
L72	96	(generat\$3 creat\$3) near (playlist play-list (play near list)) and (whole entire) near album	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:23
L73	6	(generat\$3 creat\$3) near (playlist play-list (play near list)) same (whole entire) near album	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:24
L74	6	(generat\$3 creat\$3) near (playlist play-list (play near list)) and minimiz\$3 near change	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:26
L75	13	(generat\$3 creat\$3) near (playlist play-list (play near list)) and (similar related like) near (song track artist album genre) with (back-to back (back near back) behind adjacent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:28
L76	8	(generat\$3 creat\$3) near (playlist play-list (play near list)) and (similar related like) near (song track artist album genre) with (back-to-back (back near back) behind adjacent)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:29
L77	0	(generat\$3 creat\$3) near (playlist play-list (play near list)) and correlat\$4 with (content song track) with adjacent with maximum	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:30
L78	5	(playlist play-list (play near list)) and minimiz \$3 near change with (song track content)	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:31



L79	1662	(playlist play-list (play near list)) and (similar "same" like related) with (music content item media song track album genre) with (adjacent proximate order next)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:32
L80	329	(playlist play-list (play near list)) with (similar "same" like related) with (music content item media song track album genre) with (adjacent proximate order next)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:32
L81	60	(playlist play-list (play near list)) with (similar "same" like related) near (music content item media song track album genre) with (adjacent proximate order next)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:35
L82	0	(playlist play-list (play near list)) with arrang \$5 with (song music audio track) with similarity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:37
L83	6	(playlist play-list (play near list)) and arrang \$5 with (song music audio track) with similarity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:38
L84	0	(playlist play-list (play near list)) and arrang \$5 with minimiz\$3 near change	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:39
L85	4	(playlist play-list (play near list)) and order\$3 with minimiz\$3 near change	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:39
L86	193	(playlist play-list (play near list)) and arrang \$5 with (song music audio track) with (similar like\$ related)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:40

L87	9	(playlist play-list (play near list)) and arrang \$5 with (media content item) with similarity	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/30 23:40
S1	1	(creat\$3 generat\$3) near3 (playlist (play near list)) and (learn\$3 with user with (interest liking like preference)) and optimal near solution	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 17:46
S2	48	(creat\$3 generat\$3) near3 (playlist (play near list)) and (learn\$3 with user with (interest liking like preference))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 17:46
S3	68	on\$demand with content near delivery and user near (like liking preference interest)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 18:17
S4	5787	(creat\$3 generat\$3) near2 (schedule list\$3 order playlist (play near list)) same (time temporal) and user near (liking like interest preference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 18:31
S5	1164	(creat\$3 generat\$3) near2 (schedule playlist (play near list)) same (time temporal) and user near (liking like interest preference)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 18:32
S6	168	(creat\$3 generat\$3) near2 (schedule playlist (play near list)) same (time temporal) and (client user) near (liking like interest preference) and ((client user) with input \$4 with (criteria constraint condition))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 18:33

S7	59	(creat\$3 generat\$3) near2 (schedule playlist (play near list)) same (time temporal) and (client user) near (liking like interest preference) and ((client user) with input \$4 near2 (criteria constraint condition))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 18:34
S8	195	(creat\$3 generat\$3) near2 (schedule playlist (play near list)) same (time temporal) and (client user) near (liking like interest preference) and ((client user) with (select\$3 input\$4) near2 (criteria constraint condition))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 18:34
S9	120	(creat\$3 generat\$3) near2 (schedule playlist (play near list)) with (time temporal) and (client user) near (liking like interest preference) and ((client user) with (select\$3 input\$4) near2 (criteria constraint condition))	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 18:35
S10	76	S9 not S7	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 19:07
S11	50	(creat\$3 generat\$3) near2 (schedule playlist (play near list)) with (time temporal) with optimal	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 19:19
S12	52	(creat\$3 generat\$3) near2 program with (time temporal) with optimal	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/13 19:26

S13	9774	(schedule playlist (play near list)) with (time temporal) with (limit period minutes hour) and (music song weather forecast news)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:21
S14	580	(playlist (play near list)) with (time temporal) with (limit period minutes hour) and (music song weather forecast news)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:21
S15	471	(playlist (play near list)) with (time temporal) near2 (limit period minutes hour) and (music song weather forecast news)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:21
S16	199	(playlist (play near list)) with (time temporal) near2 (limit period minutes hour) same (music song weather forecast news)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:21
S17	59	(playlist (play near list)) with (time temporal) near2 (limit period minutes hour) same (music song weather forecast news) same user with (input\$3 select\$3 criteria constraint)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:22
S18	7	optimal near3 (order\$3 list\$3 playlist schedule) with (play\$3 broadcast \$3 stream\$3) with (time temporal) with (criteria constraint limit period)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:30
S19	45	(user listener client) near2 (input\$3 select \$3 choos\$3) with (criteria constraint preference) same optimal with (playlist list order\$3 schedule)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:33

S20	2922	(playlist (play near list) schedule order program) same (music song) same (news weather traffic) same (time temporal optimal minutes hour)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:38
S21	1677	(playlist (play near list) schedule order) same (music song) same (news weather traffic) same (time temporal optimal minutes hour)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:38
S22	916	(playlist (play near list) schedule order) same (music song) same (news weather traffic) same (time temporal optimal minutes hour) same (stream\$3 on-demand play\$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:39
S23	152	(playlist (play near list) schedule order) same (music song) same (news weather traffic) same (time temporal optimal minutes hour) same (stream\$3 on-demand play\$3) same (constraint criteria preference liking interest)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 18:39
S24	137	(generat\$3 creat\$3) near2 (order\$3 list\$3) near2 (media content) near item	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 19:04
S25	2035	725/44,39,61.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 19:07
S26	4	S24 and S25	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/15 19:08
S27	1	"6742184".pn.	USPAT	OR	OFF	2009/08/16 16:59
S28	4	"1137210"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/08/16 17:01

S29	74	yasuhiro near ihara	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/08/16 17:03
S30	1	"20030144968"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/08/16 17:04
S31	1	"20030114968"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2009/08/16 17:04
S32	0	(provid\$3 musid information passengers).ti.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2009/08/16 17:10
S33	1	(provid\$3 music information passengers).ti.	US-PGPUB; USPAT; EPO; JPO	AND	OFF	2009/08/16 17:10
S34	491	(vehicle car) same play \$3 same (music song weather station channel news) same (schedul\$3 order\$3 list \$3 playlist) same (time temporal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:14
S35	262227	(vehicle car) same play \$3 same (music song) (weather station channel news) same (schedul\$3 order\$3 list \$3 playlist) same (time temporal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:15
S36	141	(vehicle car) same play \$3 same (music song) same (weather station channel news) same (schedul\$3 order\$3 list \$3 playlist) same (time temporal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:15
S37	33	(vehicle car) same play \$3 same (music song) same (weather station channel news) same (schedul\$3 order\$3 list \$3 playlist) same (time temporal) same (preference constraint criteria)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:15

S38	218	(input\$4 select\$3 choos\$3) with (criteria constraint preference) with time and (vehicle car) with (schedule program playlist order) with (song music content media)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:19
S39	68	(input\$4 select\$3 choos\$3) near2 (criteria constraint preference) with time and (vehicle car) with (schedule program playlist order) with (song music content media)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:20
S40	72	optimal near2 (schedule program list playlist order) and (vehicle car) with (schedule program playlist order) with (song music content media)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:52
S41	1	"2001343979"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:57
S42	1	"2000531588"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 17:58
S43	5	(generat\$3 personaliz\$3 creat\$3) near (order\$3 schedul\$3 list\$3) with (media song music content) with (playing played deliver\$2) with (car vehicle)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 18:00
S44	1	"20080235274"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 22:13
S45	36	learn\$3 with (preference interest like dislike) and automat\$6 with playlist	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 22:54

S46	1	learn\$3 with (preference interest like dislike) same automat\$6 with playlist	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/16 22:59
S47	6	"531588"	USPAT	OR	OFF	2009/08/27 15:05
S48	0	(device providing music passenger car). ti.	US- PGPUB; USPAT	AND	ON	2009/08/27 15:09
S49	0	automat\$6 same learn \$3 same (like liking preference constraint condition) and generat \$3 near playlist	US- PGPUB; USPAT	AND	ON	2009/08/27 15:17
S50	0	automat\$6 same learn \$3 same (like liking preference constraint condition) and generat \$3 near2 playlist	US- PGPUB; USPAT	AND	ON	2009/08/27 15:17
S51	0	automat\$6 with (like interest liking preference constraint condition) and learn\$3 same generat\$3 near2 playlist	US- PGPUB; USPAT	AND	ON	2009/08/27 15:18
S52	0	automat\$6 with (like interest liking preference constraint condition) and learn\$3 and generat\$3 near2 playlist	US- PGPUB; USPAT	AND	ON	2009/08/27 15:18
S53	13	automat\$6 same learn \$3 same (like liking preference constraint condition) and generat \$3 near playlist	US- PGPUB; USPAT	OR	ON	2009/08/27 15:18
S54	9	automat\$6 with (like interest liking preference constraint condition) and learn\$3 same generat\$3 near2 playlist	US- PGPUB; USPAT	OR	ON	2009/08/27 15:26
S55	94	automat\$6 with (like interest liking preference constraint condition) and learn\$3 and generat\$3 near2 playlist	US- PGPUB; USPAT	OR	ON	2009/08/27 15:28



S56	76	S55 not S53 not S54	US-PGPUB; USPAT	OR	ON	2009/08/27 15:28
S57	4	automat\$3 same (preference interest likes liking) same (criteria constraint condition) same generat\$3 near playlist	US-PGPUB; USPAT	OR	ON	2009/08/27 15:36
S58	19	automat\$3 with (preference interest likes liking criteria constraint) same generat\$3 near playlist	US-PGPUB; USPAT	OR	ON	2009/08/27 15:37
S59	7	automat\$3 near2 (determin\$3 generat \$3) near2 (preference interest likes liking criteria constraint) and playlist	US-PGPUB; USPAT	OR	ON	2009/08/27 15:41
S60	46	automat\$6 near2 (determin\$3 generat \$3) near2 (preference interest likes liking criteria constraint) and playlist	US-PGPUB; USPAT	OR	ON	2009/08/27 15:42
S61	64	automat\$6 with (preference interest likes liking criteria constraint) same generat\$3 near playlist	US-PGPUB; USPAT	OR	ON	2009/08/27 15:43
S62	0	S60 not S60	US-PGPUB; USPAT	OR	ON	2009/08/27 15:45
S63	26	S60 not S61	US-PGPUB; USPAT	OR	ON	2009/08/27 15:45
S64	131	automat\$6 near2 (determin\$3 generat \$3) near2 (preference interest likes liking criteria constraint) same learn\$3	US-PGPUB; USPAT	OR	ON	2009/08/27 15:47
S65	12	automat\$6 near2 (determin\$3 generat \$3) near2 (preference interest likes liking criteria constraint) with learn\$3	US-PGPUB; USPAT	OR	ON	2009/08/27 15:48

S66	34	automat\$6 near2 (determin\$3 generat \$3) near2 (preference interest likes liking criteria constraint) same learn\$3 and (music car vehicle song)	US- PGPUB; USPAT	OR	ON	2009/08/27 15:49
S67	5	(constraint condition preference criteria interest likes liking) with priorit\$5 with (excess multiple many plurality) and generat \$3 near playlist	US- PGPUB; USPAT	OR	ON	2009/08/27 18:49
S68	3996	(constraint condition preference criteria interest likes liking) with priorit\$5 with (excess multiple many plurality)	US- PGPUB; USPAT	OR	ON	2009/08/27 18:50
S69	328	(responsive determin \$3 response) near3 (constraint condition preference criteria interest likes liking) with priorit\$5 with (excess multiple many plurality)	US- PGPUB; USPAT	OR	ON	2009/08/27 18:50
S70	102	(responsive determin \$3 response) near3 (excess multiple many plurality) near2 (constraint condition preference criteria interest likes liking) with priorit\$5	US- PGPUB; USPAT	OR	ON	2009/08/27 18:50
S71	1	(excess multiple many plurality) near3 (constraint condition preference criteria interest likes liking) with priorit\$5 same (playlist play-list (play near list))	US- PGPUB; USPAT	OR	ON	2009/08/27 18:52
S72	935	(excess multiple many plurality) near2 (constraint condition preference criteria interest likes liking) with priorit\$5	US- PGPUB; USPAT	OR	ON	2009/08/27 18:53

S73	0	(hierarch\$4 tree) same program near table and generat\$3 near (playlist play-list (play near list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:24
S74	8	(hierarch\$4 tree) and program near table and generat\$3 near (playlist play-list (play near list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:24
S75	167	tree and generat\$3 near (playlist play-list (play near list))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:27
S76	151	tree and generat\$3 near (playlist play-list (play near list)) and (program schedul\$3 order) with (music weather content song tv television)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:29
S77	172	(tree hierarch\$3) with (order schedul\$3) near (event content media)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:46
S78	0	(tree hierarch\$3) with (order schedul\$3) near (event content media) same (time attribute) with consistent	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:47
S79	13	(tree hierarch\$3) with (order schedul\$3) near (event content media) same (time attribute) with (level layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:47
S80	70	(tree hierarch\$3) with (order schedul\$3) near (event content media) and (time attribute) with (level layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:49
S81	57	S80 not S79	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:49
S82	20	(tree hierarch\$3) with (order schedul\$3) near (event content media) with (time temporal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:58

S83	5	S82 not S81 not S80 not S79	US- PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/28 19:59
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